

FIG. 1a

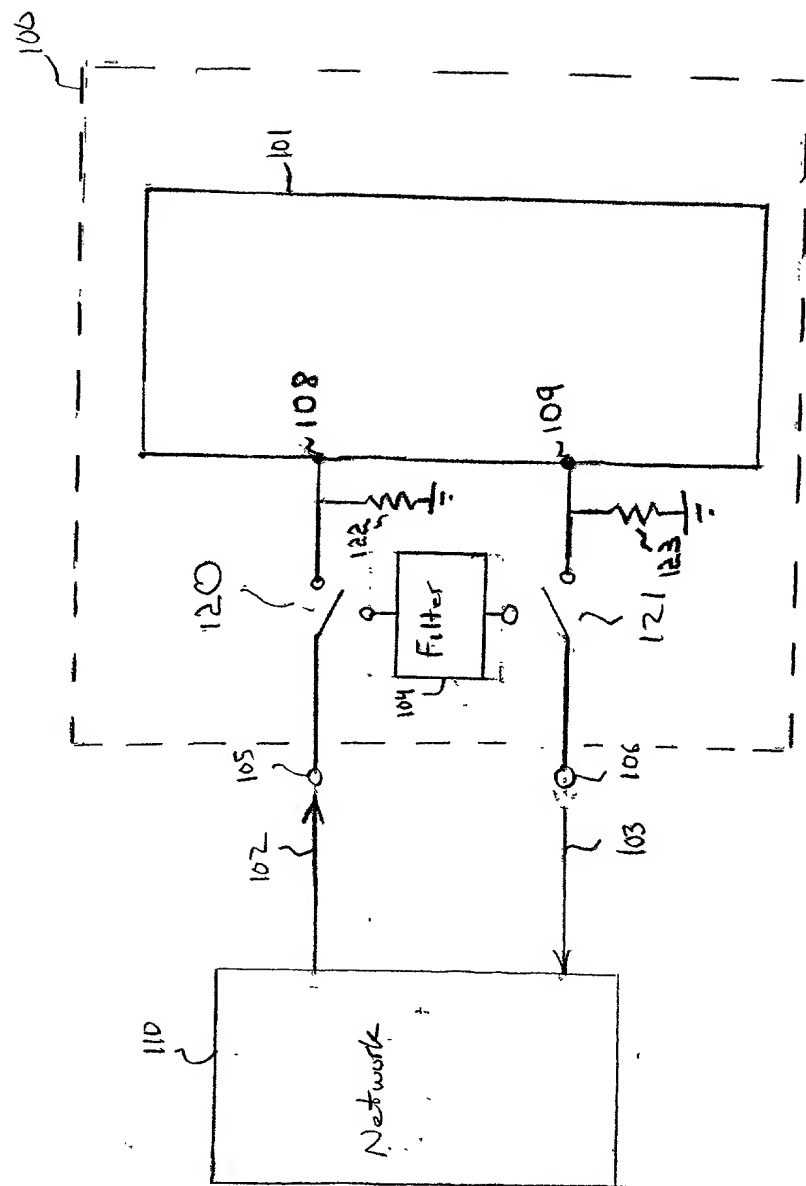


FIG. 10b is a schematic diagram of a power supply system for a vehicle, showing a battery 100, a filter 104, a voltage regulator 102, and a fuse 105. The battery 100 is connected to the filter 104, which is connected to the voltage regulator 102. The voltage regulator 102 is connected to the fuse 105, which is connected to the vehicle's electrical system 101. The vehicle's electrical system 101 includes a fuse 108 and a fuse 109.

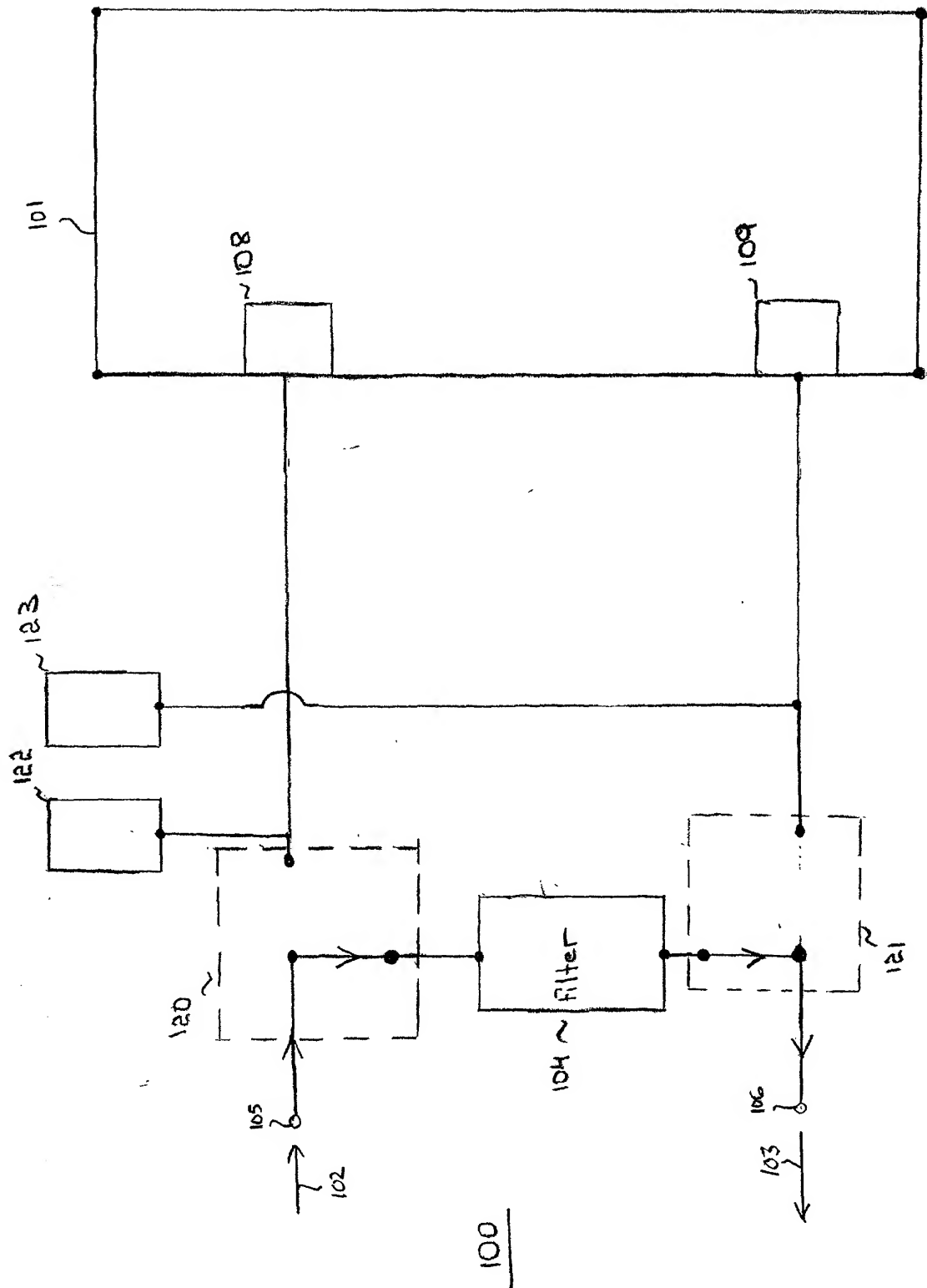


Fig 10b

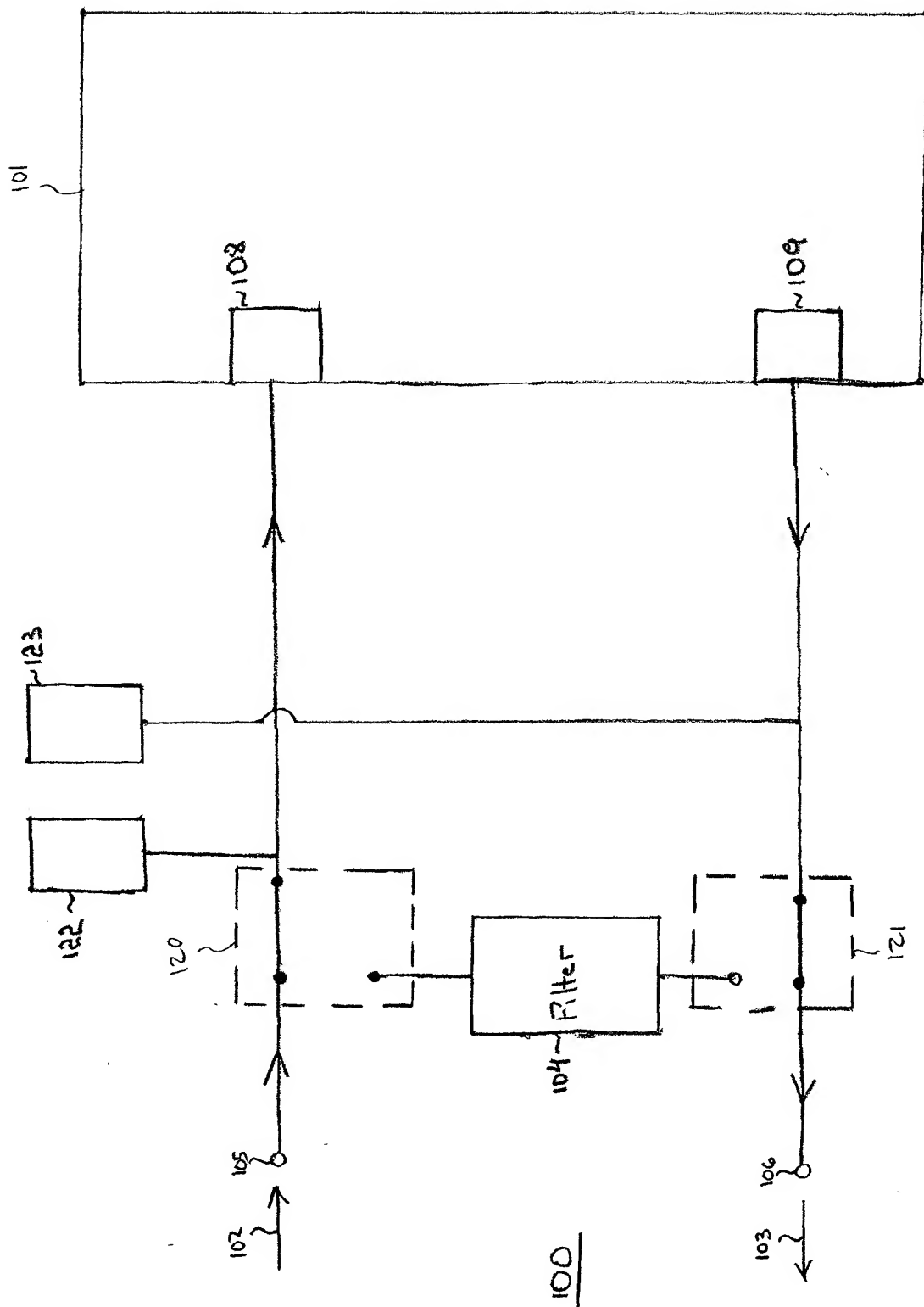


Fig. 1c

Fig 2a

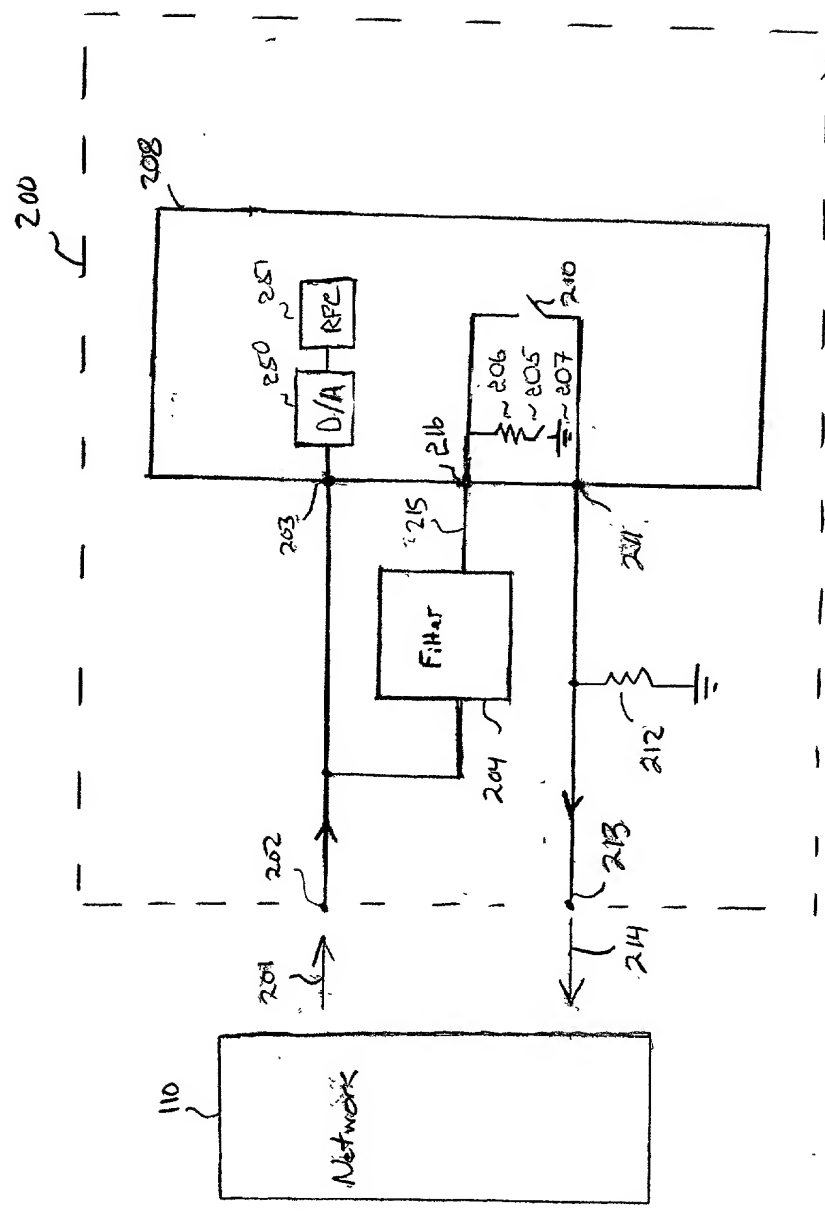


FIG. 2a is a schematic diagram of a power supply system in accordance with the present invention. The system includes a transformer 201, a filter 202, and a rectifier 203. The transformer 201 is connected to a power source 204. The filter 202 is connected to the secondary winding of the transformer 201. The rectifier 203 is connected to the output of the filter 202. The system also includes a voltage divider 205, a potentiometer 206, and a load resistor 207. The voltage divider 205 is connected to the output of the rectifier 203. The potentiometer 206 is connected to the output of the voltage divider 205. The load resistor 207 is connected to the output of the potentiometer 206.

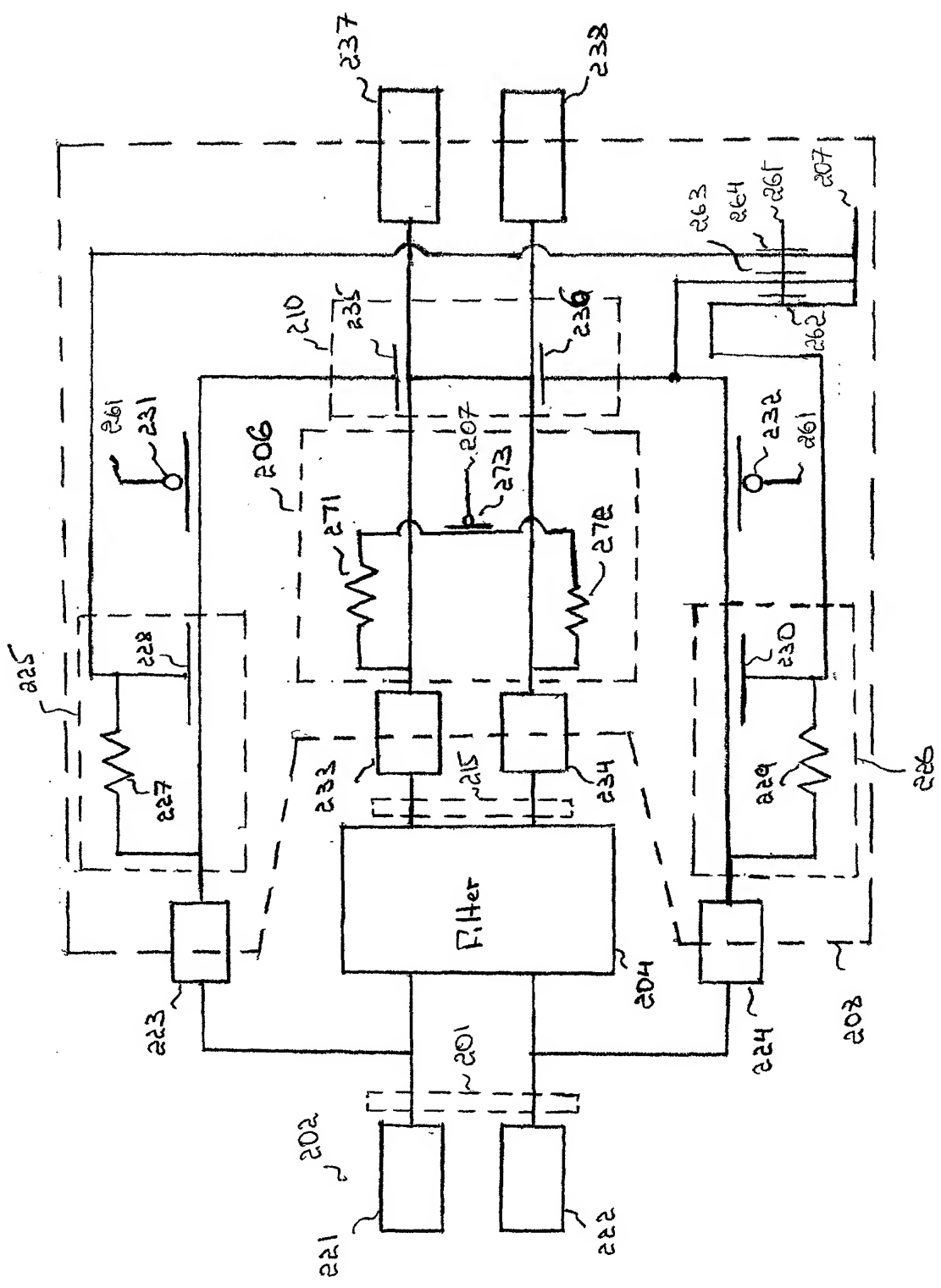


Fig. 2b

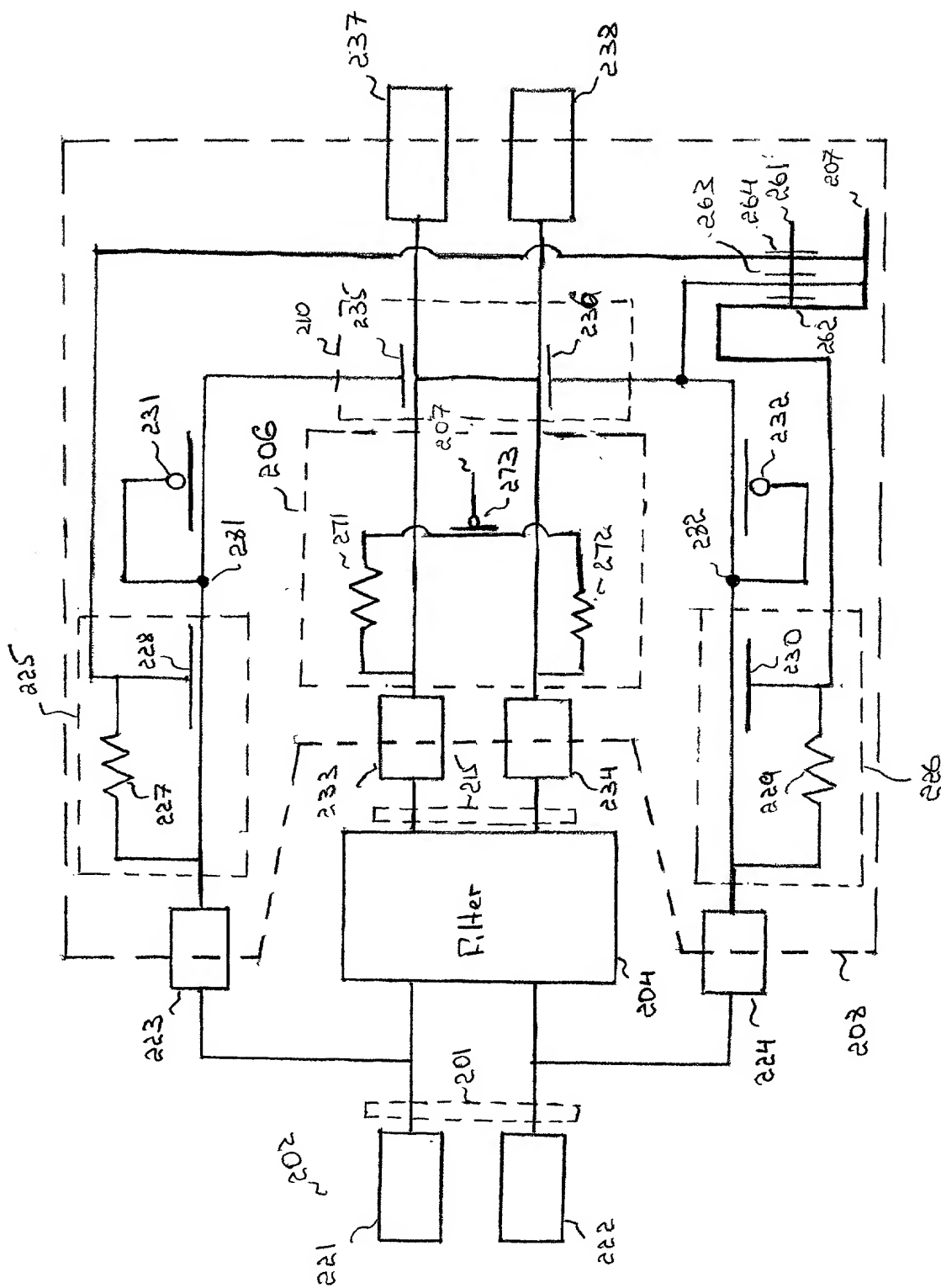
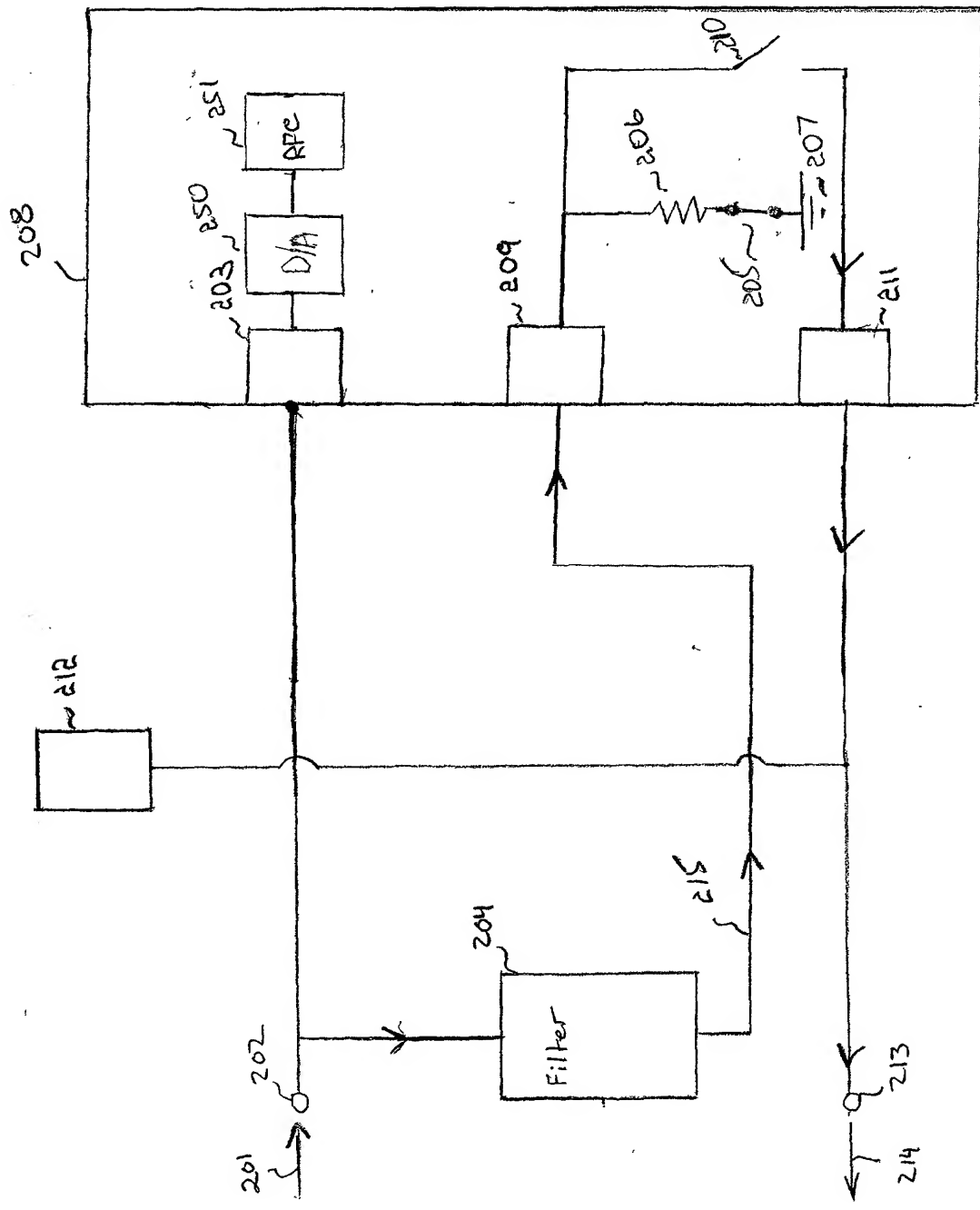


FIG. 2C





200

Fig 2e



Fig. 3a

301

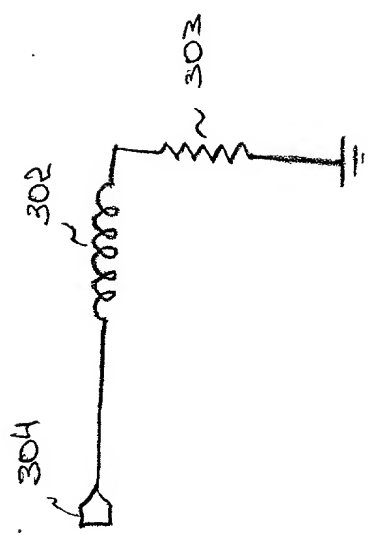


FIG 3b

310

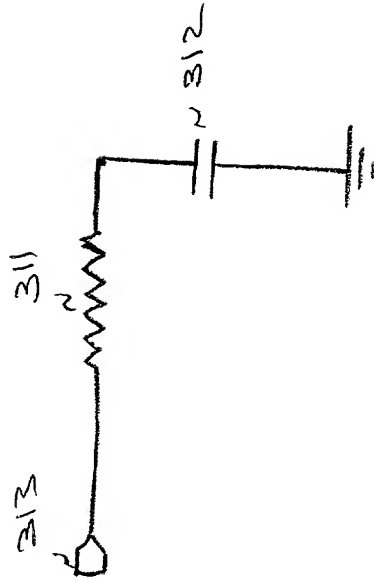


Fig 3b

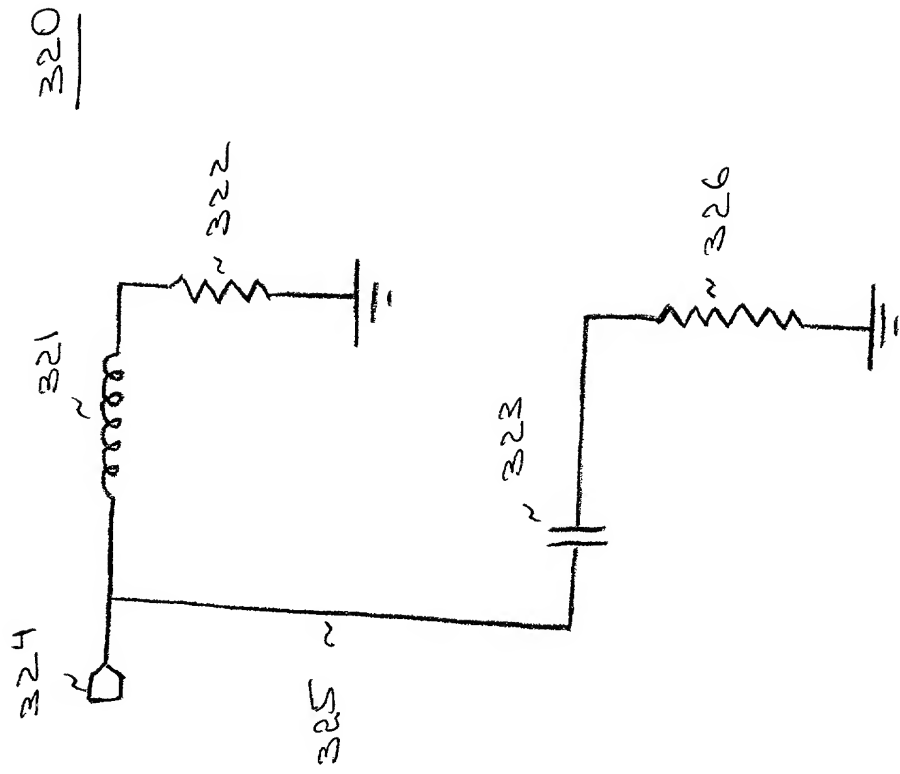


Fig 3d

330

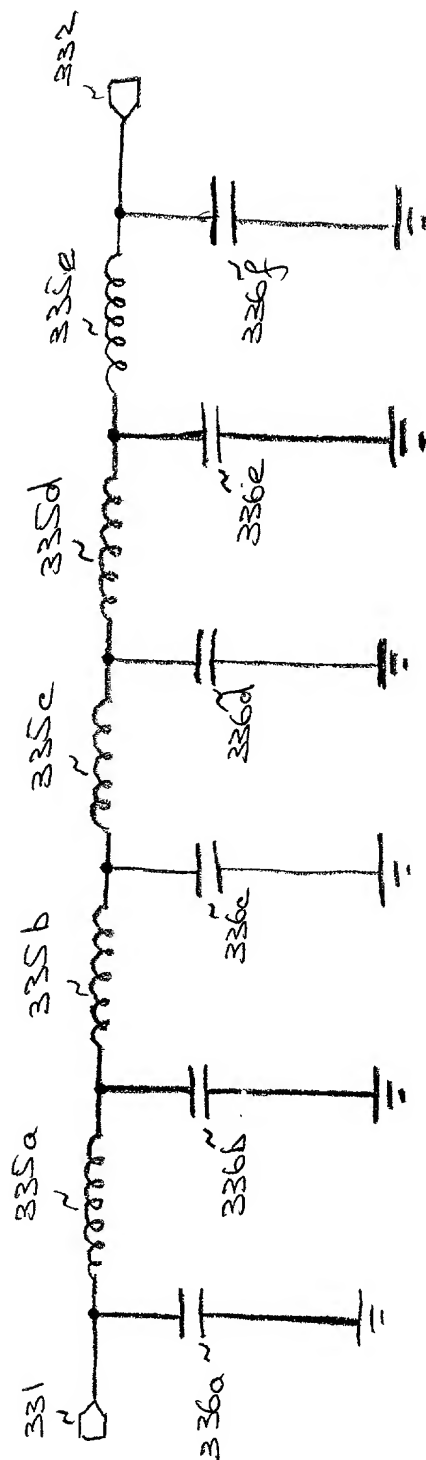


Fig 4a

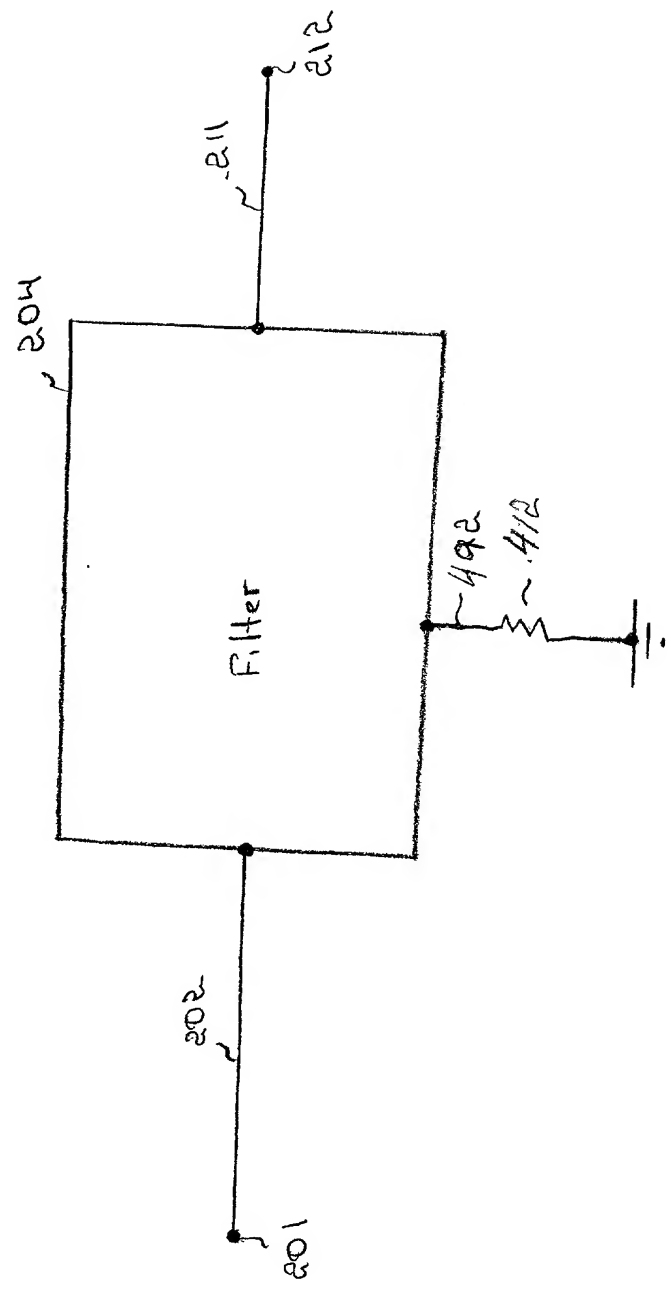




FIG. 4c

204

420b

420a

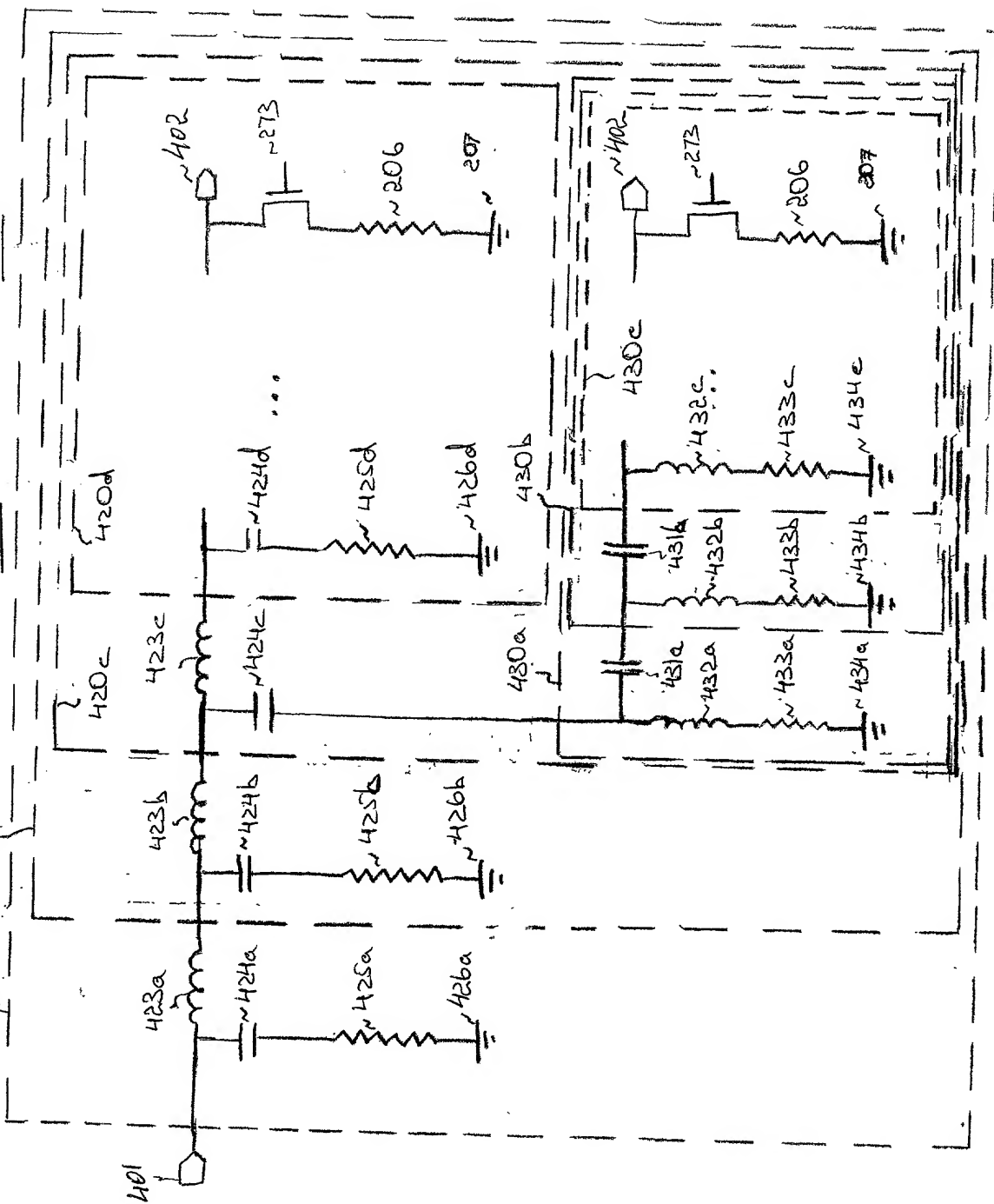
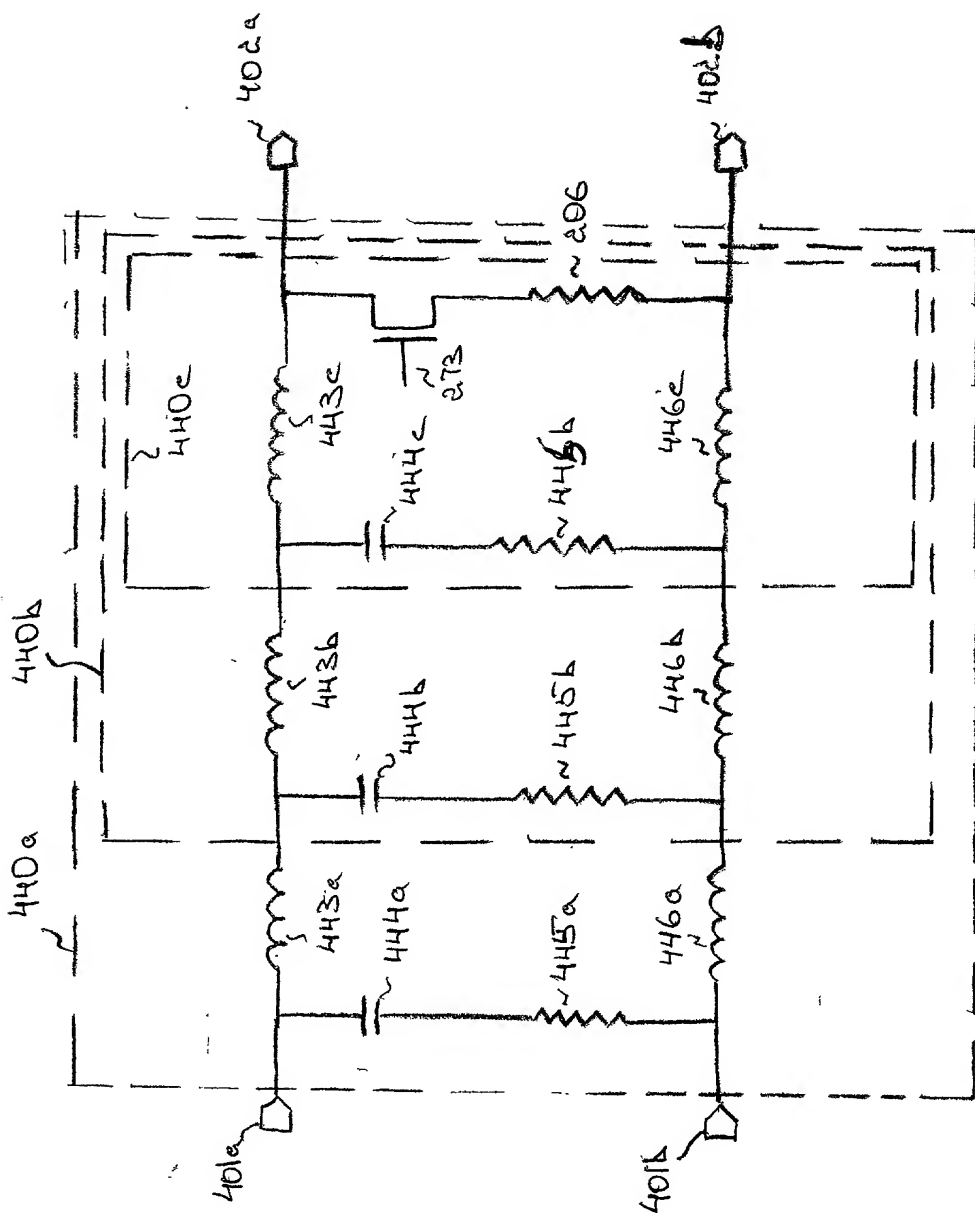
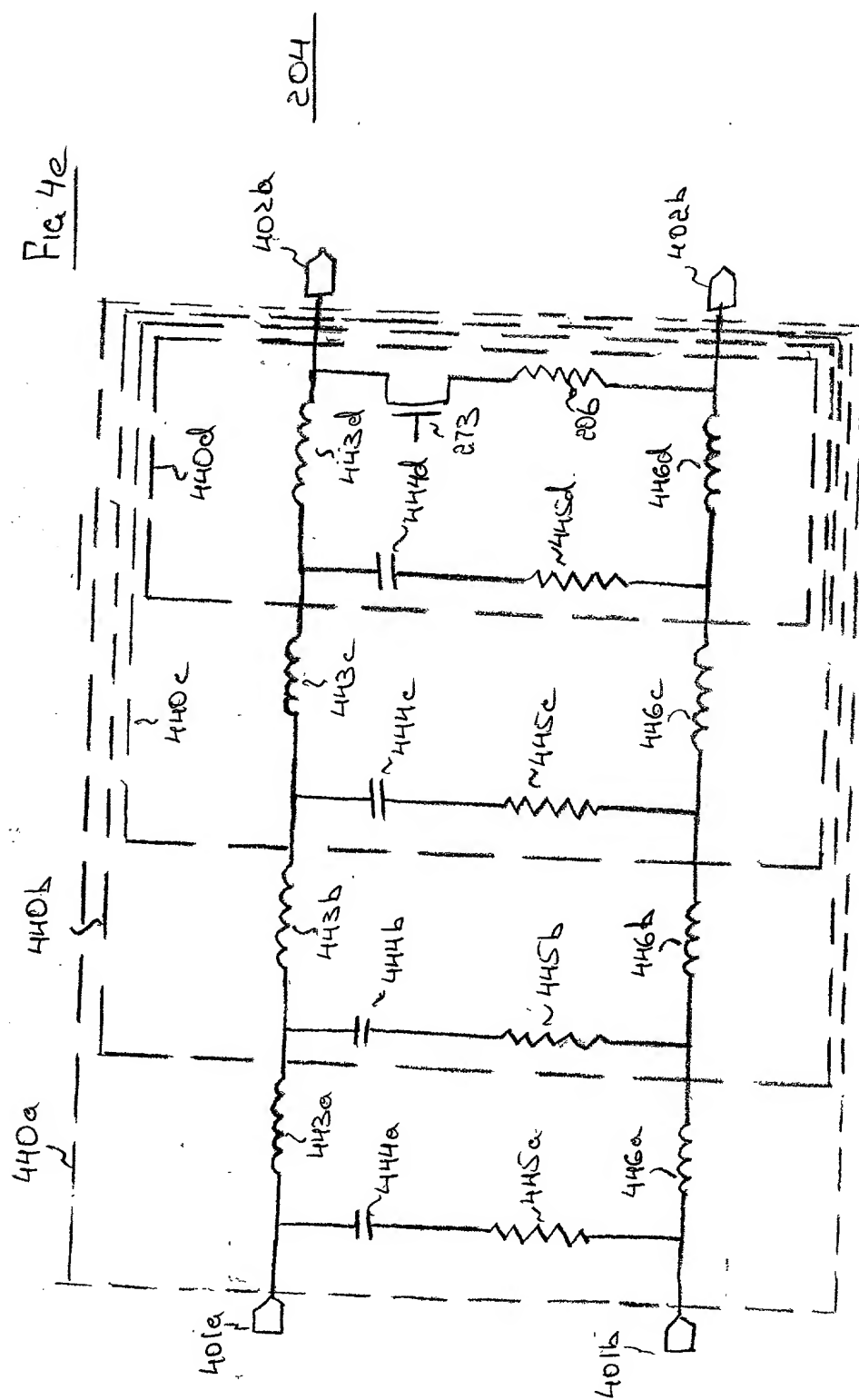


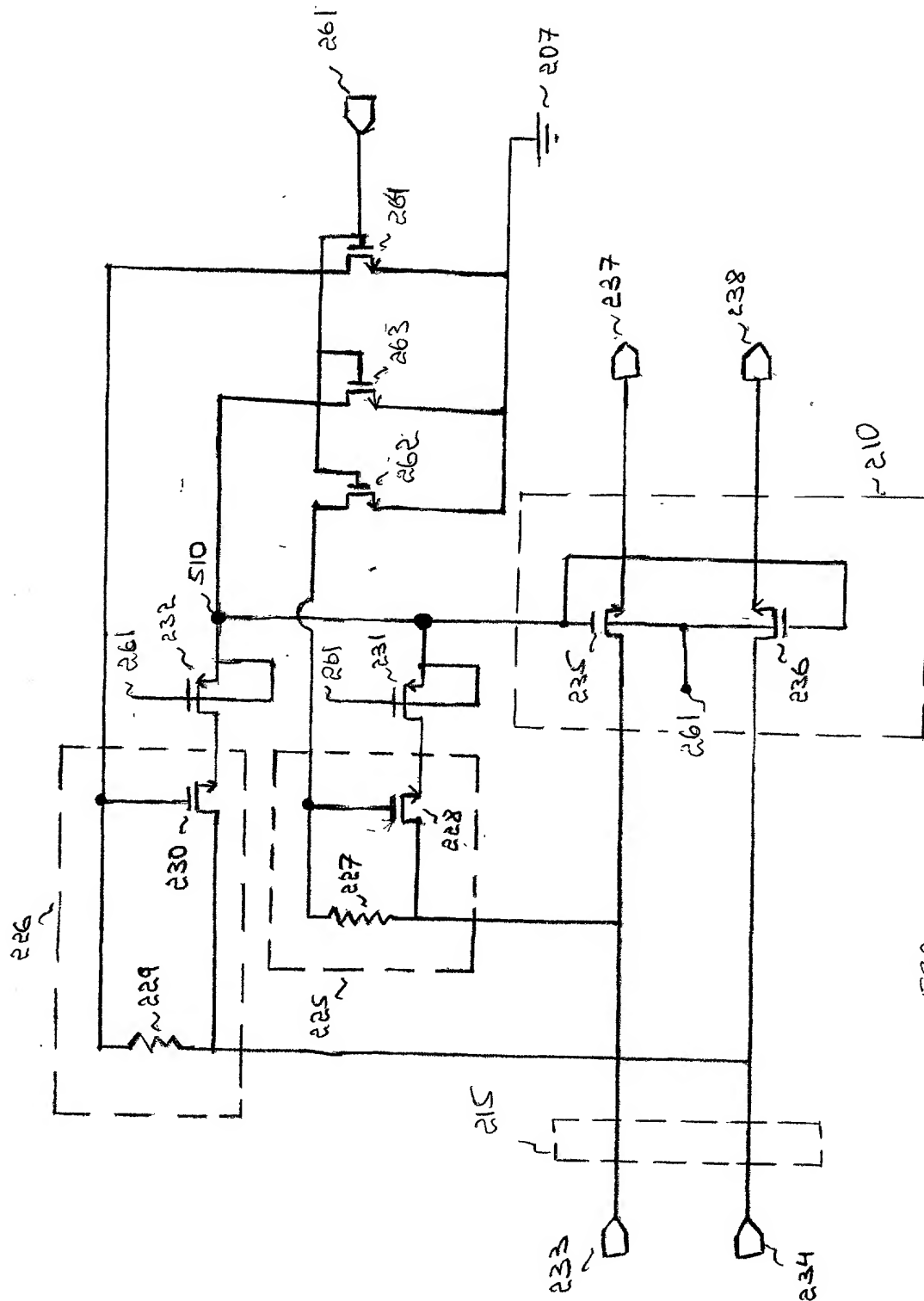
Fig. 4d

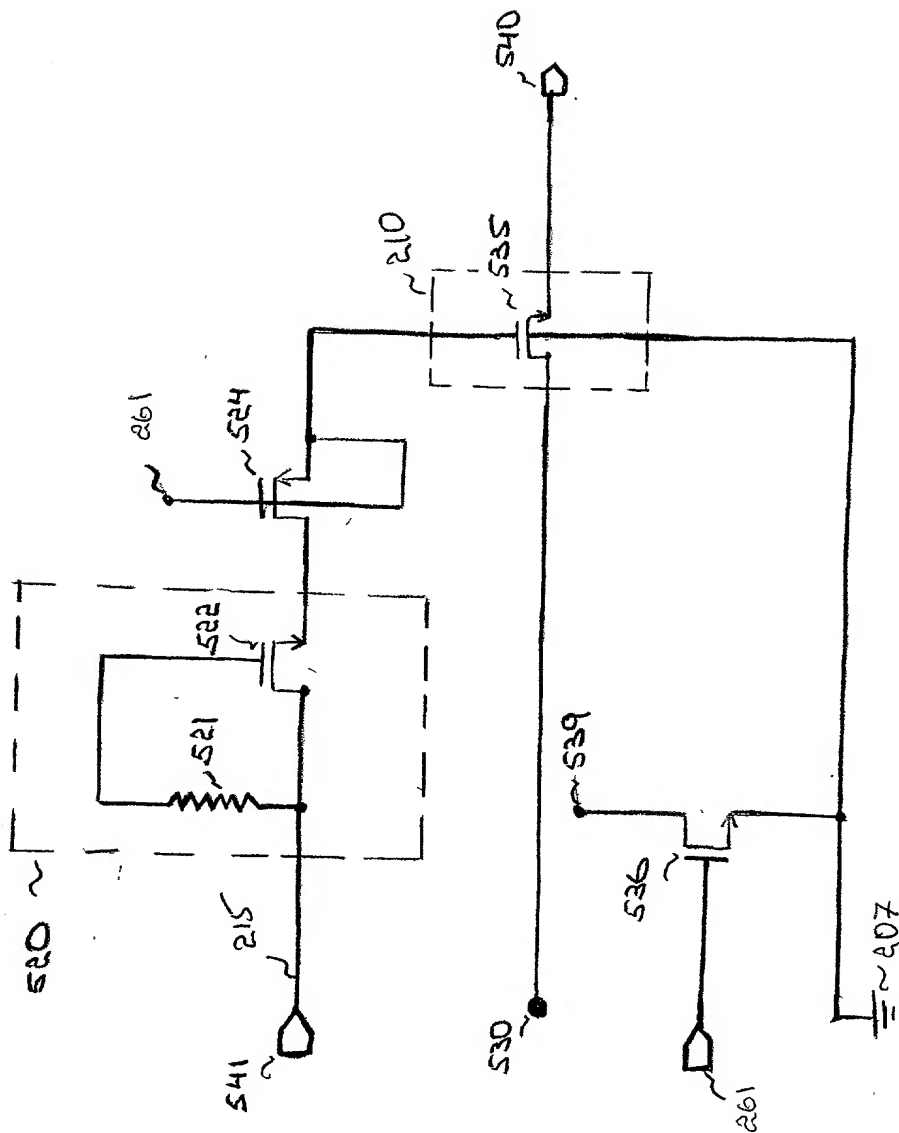
204





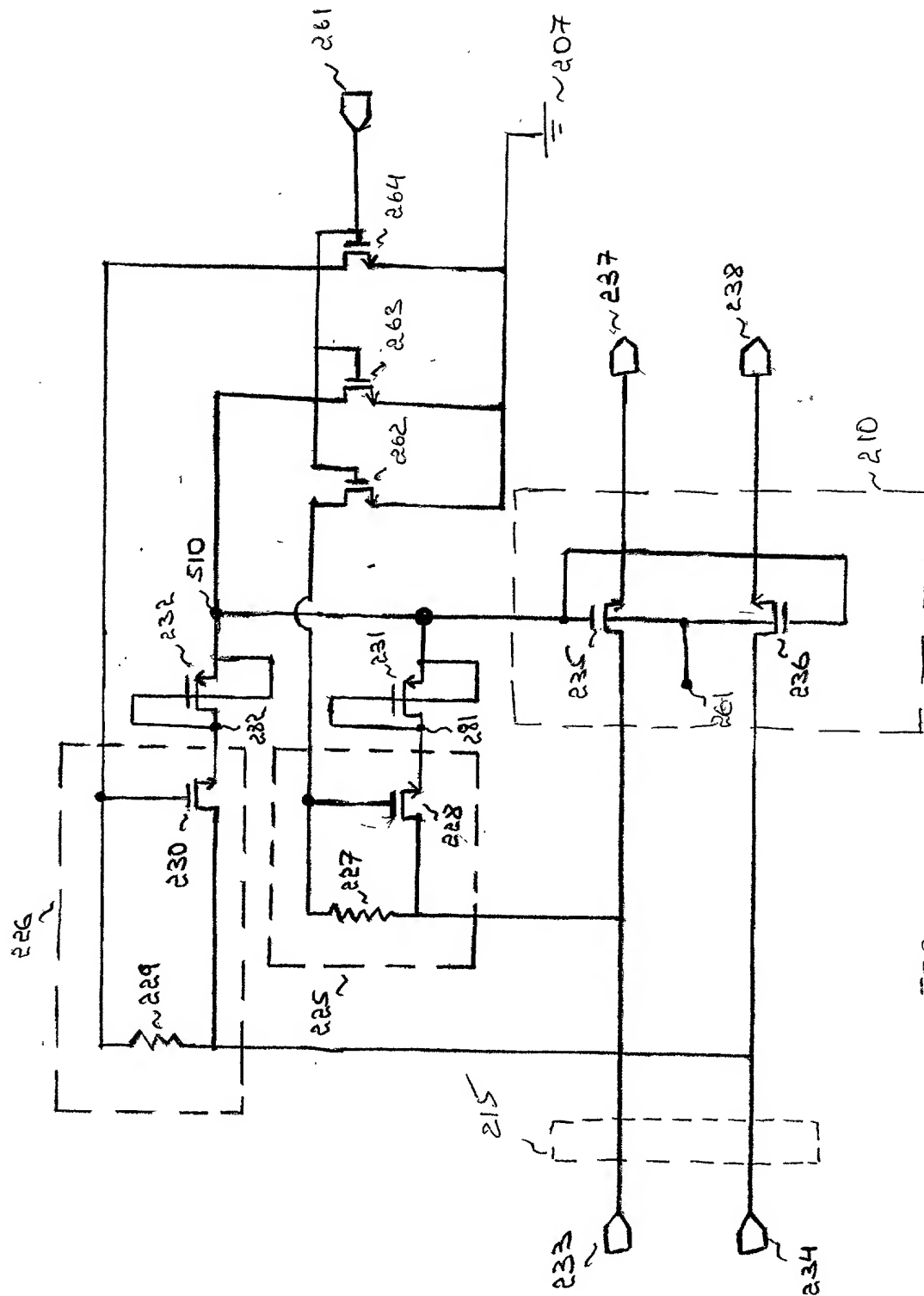






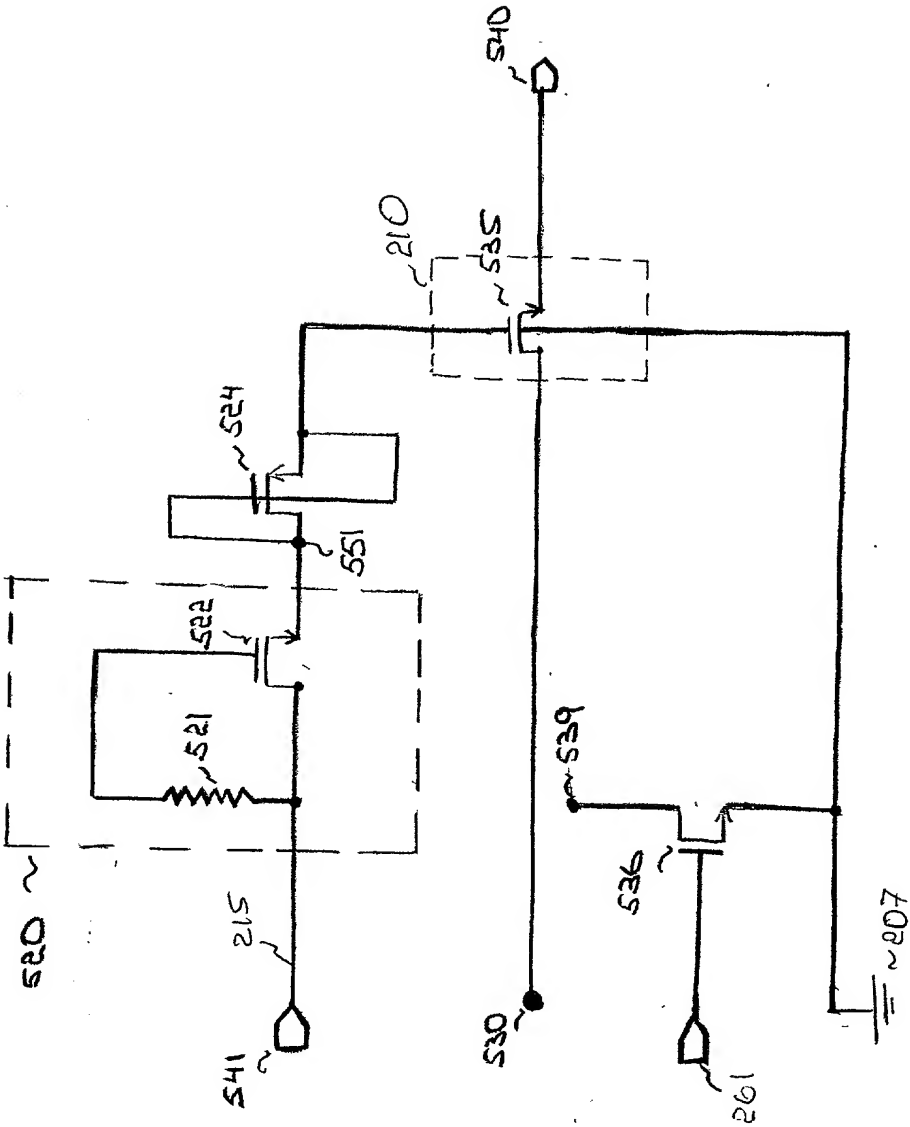
590

Fig 5b



590

Fig. 5c



590

Fig. 5d

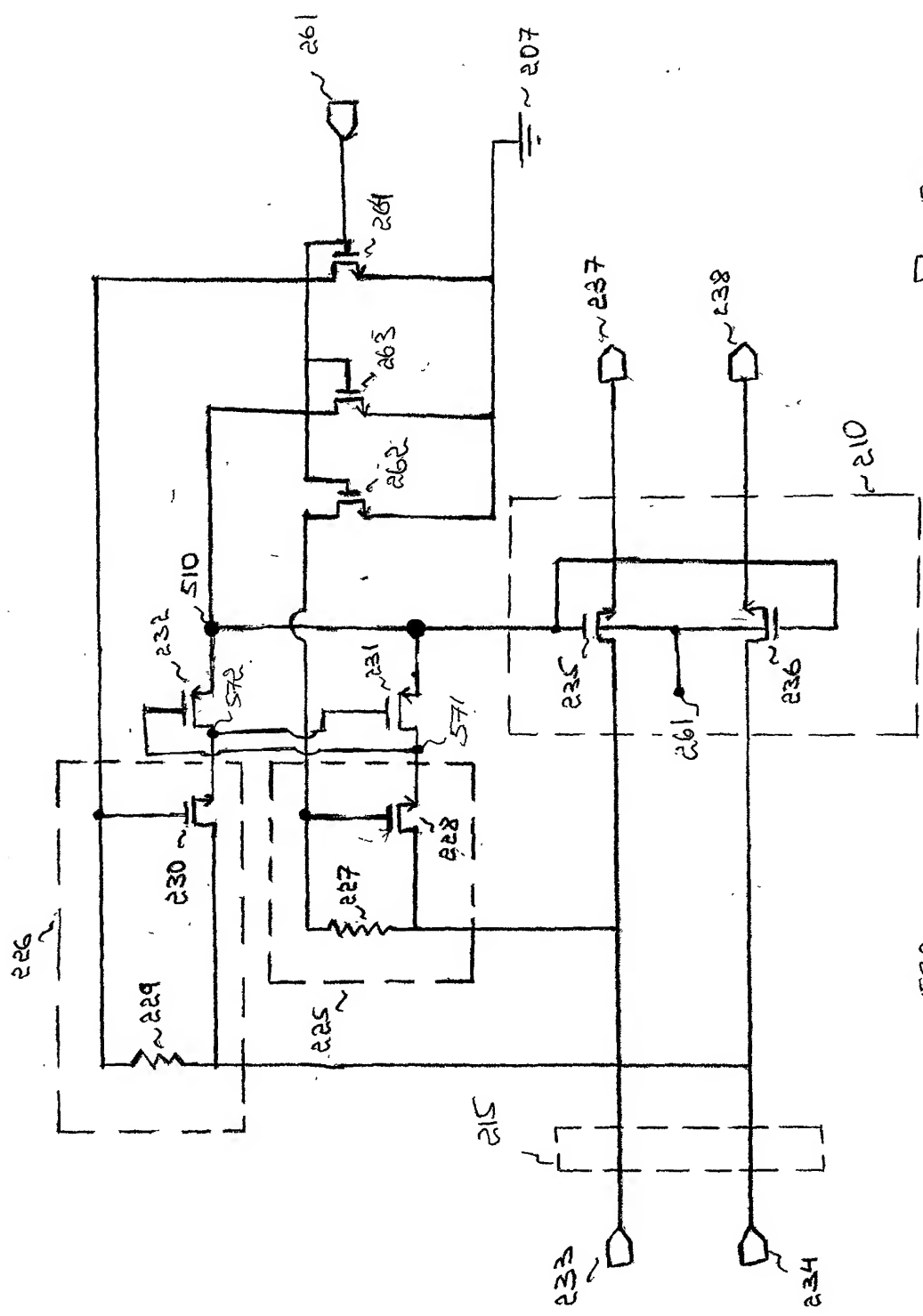


Fig. 5e